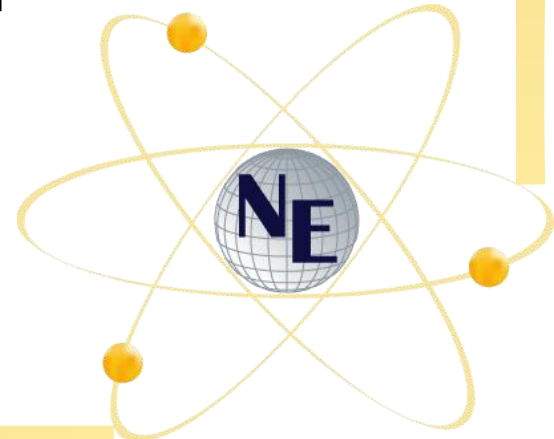


Small Business Opportunities With the Office of Nuclear Energy

9th Annual U.S. Department of Energy
Small Business Conference

Robert Lange, Acting Deputy Assistant
Secretary for Corporate Business Operations

June 25, 2008





Mission of the Office of Nuclear Energy (NE)

- ◆ To lead the DOE investment in the development and exploration of advanced nuclear science and technology
- ◆ To develop advanced, proliferation-resistant nuclear fuel technologies
- ◆ To maintain and enhance the national nuclear technology infrastructure
- ◆ NE is the Lead Program Secretarial Officer for the Idaho National Laboratory



NE Programs

◆ **Advanced Fuel Cycle Initiative/Global Nuclear Energy Partnership**

Develop fuel cycle technologies that will meet the need for economic and sustained nuclear energy production while satisfying requirements for controlled, proliferation-resistant nuclear materials management system.

◆ **Nuclear Power 2010**

The NP-2010 program is focused on reducing the technical, regulatory and institutional barriers to deployment of new nuclear power plants based on independent expert recommendations.



NE Programs (cont.)

◆ **Nuclear Hydrogen Initiative (NHI)**

The goal of NHI is to demonstrate the economic, commercial-scale production of hydrogen using nuclear energy. Hydrogen offers significant promise as a future energy technology, particularly for the transportation sector. Nuclear energy has the potential to produce hydrogen without producing greenhouse gases.

◆ **Nuclear Fuel Supply Security**

This Office's mission is to address the nuclear fuel supply security issues facing the United States, particularly in the areas of uranium enrichment.



NE Programs (cont.)

◆ **Gen IV Nuclear Energy Systems**

In conjunction with governments, industry and the research community worldwide, explore the opportunities for using nuclear energy in advancing nuclear energy system design.

◆ **Radioisotope Power Systems**

Responsible for supplying the National Aeronautics and Space Administration with Radioisotope Power Systems which sustain spacecraft for deep space missions beyond the capabilities of fuel cells, solar panels, and battery power.



NE Programs (cont.)

◆ **Laboratory Facilities Management**

Idaho National Lab (INL)

Oak Ridge National Lab (ORNL)

Los Alamos National Lab (LANL)

Brookhaven National Lab (BNL)

NE manages programs to maintain critical national nuclear infrastructure required to support research and development that helps meet strategic needs in energy and national security.



NE Recent Achievements

- ◆ NE has exceeded small business goals for FY 2003, FY 2004, FY 2005, FY 2006 and FY 2007.
- ◆ In 2005, NE received the Department of Energy's Small Business Diversity Achievement Award. NE had the overall highest achievements in all of the socio-economic categories of small business firms such as 8(a), other disadvantaged business, HUBZone, women-owned and service-disabled veteran.
- ◆ During FY 2007 awarded its largest small business contract at Headquarters to Technology and Management Services for \$11M.



Small Business Opportunities In FY 2008

Where are they?

◆ Idaho National Laboratory

- FY08 Small Business Goal 40% or \$104M
- Currently (thru 5/31/08) INL has awarded over 46.2% or \$92.7M of their procurement volume to small businesses.
- Forecasted INL small business opportunities for the remainder of Fiscal Year 2008 will concentrate on supporting the INL campus development projects (construction), cafeteria services, and IT-related services and commodities.

Elizabeth Sellers, Idaho Operations Office Manager will discuss these opportunities in the next panel discussion.

◆ Headquarters

- \$10M (contracts for records management, project management, and other support services)



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